

Before The  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In the Matter of

Amendment Of Part 73 To Permit Permanent Licensing  
Of AM Synchronous Booster Stations

RM No. 11779

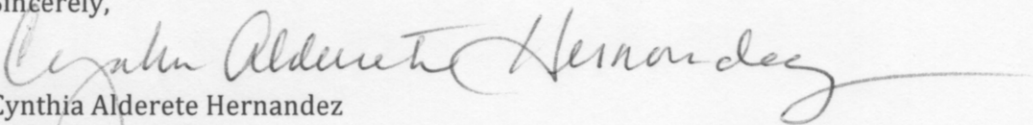
I, Cynthia Alderete Hernandez, lend support for the issue of AM Synchronous Booster Stations currently under consideration as per RM-11779. In the nineties I was the licensee of Radio Station KBDR-FM in Mirando City, Texas. Due to severe interference in Laredo, Texas inside the 60 dBu contour, we began working to establish an on channel Synchronous FM Booster to resolve interference issues in the community of Laredo, Texas.

In 1999 the Commission granted a construction permit for the first Synchronous FM Booster authorized with full domestic parameters inside the protected U.S. and México border zone region at Laredo, Texas. As KBDR-FM was a 50 KW Class C2 we were permitted to operate KBDR-FM-1 with 10 KW. With the Booster the issue of interference was eliminated throughout our entire 60 dBu service area. However, as with most FM boosters there was interference and signal cancellation at the point where the main and booster signals overlapped. Fortunately in our case the area of overlap was in a sparsely populated area allowing the primary areas of concern to receive interference free operation.

I was recently in Puerto Rico during which I traveled the coverage area of the 10 KW main channel of WAPA-AM 680 KHZ at San Juan, and the 400-Watt day operation of WA2XPA 680 KHZ at Arecibo. I was able to listen to the station(s) while mobile and in building locations where special attention was paid to the formidable 2 mV/m overlap area between the transmitters. At no time during either mobile or stationary monitoring was any distortion or audio cancellations noted. At all times the audio signature of the combined operations was robust as if one was listening to one strong AM signal.

In reading the supporting comments from the knowledgeable engineering community there is not anything I can add to their comments regarding technical issues. However, I did want to write with observations from a real world perspective of how WAPA seems to have resolved the issue of distortion artifacts previously encountered with AM Synchronous Boosters. I strongly support the efforts of the Blanco family with the time and effort afforded to perfect this process. I hope the Commission will see fit to permit the use of AM Synchronous Boosters to them and all AM stations that can benefit from this important part of true AM revitalization.

Sincerely,

  
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